

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/517248	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:51
S2	861	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleev\$1)) near7 (end\$1 tip\$1) near5 (shap\$2 male female convex concave conic\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:02
S3	3578	(ferrule\$1 same sleeve\$1) same (fiber\$1 fibre\$1 waveguide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:04
S4	61	S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 15:38
S5	1	S1 and (ferrule\$1 sleev\$1 connect\$4 metal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 15:40
S6	58	S4 and (ferrule\$1 same connect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 15:42
S7	54	S6 and connector\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 15:43

EAST Search History

S8	54	(US-20070027443-\$ or US-20060245711-\$ or US-20060229006-\$ or US-20060034571-\$ or US-20060018609-\$ or US-20060013537-\$ or US-20050226586-\$ or US-20040228591-\$ or US-20040114877-\$ or US-20040017981-\$ or US-20040007690-\$ or US-20040005134-\$ or US-20040005120-\$ or US-20030198440-\$ or US-20030104775-\$ or US-20030070257-\$ or US-20030044124-\$ or US-20020162582-\$ or US-20020081072-\$ or US-20010055459-\$ or US-20010007641-\$).did. or (US-7137878-\$ or US-7116882-\$ or US-6877910-\$ or US-6853794-\$ or US-6840683-\$ or US-6736547-\$ or US-6655849-\$ or US-6616462-\$ or US-6551839-\$ or US-6547653-\$ or US-6398423-\$ or US-6367984-\$ or US-6358874-\$ or US-6190616-\$ or US-6113283-\$ or US-6048102-\$ or US-5892870-\$ or US-5883988-\$ or US-5870515-\$ or US-5667426-\$ or US-5615291-\$ or US-5600747-\$ or US-5559916-\$ or US-5503590-\$ or US-5464361-\$ or US-5459806-\$).did. or (US-5458528-\$ or US-5351327-\$ or US-5134676-\$ or US-5054879-\$ or US-5016970-\$ or US-4911518-\$ or US-4427879-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/03/22 16:17
S9	54	S8 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:14
S10	3	"3,846,010".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 19:18
S11	202	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:12

EAST Search History

S12	9797	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (coupl\$4 connect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:13
S13	40661	(ferrule\$1 sleeve\$1) same (fiber\$1 fibre\$1 waveguide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:13
S14	0	S10 and S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:13
S15	58	S11 and S12 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 12:42
S16	55	S15 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:16
S17	30	S16 and insert\$4 same (fiber\$1 fibre\$1 waveguide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:17
S18	30	(US-20050036742-\$ or US-20030026549-\$ or US-20040179787-\$ or US-20010036342-\$ or US-20050069264-\$ or US-20060239619-\$ or US-20010046354-\$ or US-20060204179-\$ or US-20040008494-\$ or US-20060067628-\$).did. or (US-4139260-\$ or US-4767177-\$ or US-5823859-\$ or US-6695486-\$ or US-5590229-\$ or US-5664039-\$ or US-6350062-\$ or US-7077576-\$ or US-5519799-\$ or US-6454462-\$ or US-7156561-\$ or US-7048447-\$ or US-4090778-\$ or US-6762941-\$ or US-5133032-\$ or US-6474877-\$ or US-6758605-\$ or US-4787700-\$).did. or (JP-07020362-\$).did. or (EP-448162-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/03/22 17:17
S19	30	S11 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:18

EAST Search History

S20	2	"6358874".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 19:18
S21	1	S20 and metal\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 19:19
S22	11	(US-20060013537-\$ or US-20050036742-\$ or US-20010036342-\$).did. or (US-6358874-\$ or US-4139260-\$ or US-4767177-\$ or US-5590229-\$ or US-4090778-\$ or US-5133032-\$ or US-4787700-\$).did. or (EP-448162-\$). did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/03/22 21:44
S23	210	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:30
S24	10294	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (coupl\$4 connect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 12:42
S25	42360	(ferrule\$1 sleeve\$1) same (fiber\$1 fibre\$1 waveguide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 12:42
S26	62	S23 and S24 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 12:43
S27	1	(US-6358874-\$).did.	USPAT	OR	OFF	2007/12/06 12:43
S28	1	S27 and (male female fit\$3 ferrule\$1 same sleeve\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:04
S29	1	S27 and ((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:32

EAST Search History

S30	11	(US-20060013537-\$ or US-20050036742-\$ or US-20010036342-\$).did. or (US-6358874-\$ or US-5590229-\$ or US-5133032-\$ or US-4767177-\$ or US-4139260-\$ or US-4090778-\$ or US-4787700-\$).did. or (EP-448162-\$). did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/12/07 16:35
S31	11	S30 and ((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:35
S32	11	S30 and ((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3)) and (male female ferrule\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 16:33
S33	1	10/517248	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:51
S34	1	S33 and (convex edge annular near4 step) same (concave) same (diameter reduced radial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:54
S38	11	(US-20060013537-\$ or US-20050036742-\$ or US-20010036342-\$).did. or (US-6358874-\$ or US-5590229-\$ or US-5133032-\$ or US-4767177-\$ or US-4139260-\$ or US-4090778-\$ or US-4787700-\$).did. or (EP-448162-\$). did.	US-PGPUB; USPAT; EPO	OR	OFF	2007/12/07 16:36
S39	10	S38 and ((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3)) and (male female ferrule\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 16:36
S40	10	S39 and (ferrule\$1 sleeve\$1 connect\$4 metal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 16:36

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S1	1	10/517248	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:51
S2	861	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleev\$1)) near7 (end\$1 tip\$1) near5 (shap\$2 male female convex concave conic\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:02
S3	3578	(ferrule\$1 same sleeve\$1) same (fiber\$1 fibre\$1 waveguide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:04
S4	61	S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 15:38
S5	1	S1 and (ferrule\$1 sleev\$1 connect\$4 metal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 15:40
S6	58	S4 and (ferrule\$1 same connect\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 15:42
S7	54	S6 and connector\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 15:43

EAST Search History

S8	54	(US-20070027443-\$ or US-20060245711-\$ or US-20060229006-\$ or US-20060034571-\$ or US-20060018609-\$ or US-20060013537-\$ or US-20050226586-\$ or US-20040228591-\$ or US-20040114877-\$ or US-20040017981-\$ or US-20040007690-\$ or US-20040005134-\$ or US-20040005120-\$ or US-20030198440-\$ or US-20030104775-\$ or US-20030070257-\$ or US-20030044124-\$ or US-20020162582-\$ or US-20020081072-\$ or US-20010055459-\$ or US-20010007641-\$).did. or (US-7137878-\$ or US-7116882-\$ or US-6877910-\$ or US-6853794-\$ or US-6840683-\$ or US-6736547-\$ or US-6655849-\$ or US-6616462-\$ or US-6551839-\$ or US-6547653-\$ or US-6398423-\$ or US-6367984-\$ or US-6358874-\$ or US-6190616-\$ or US-6113283-\$ or US-6048102-\$ or US-5892870-\$ or US-5883988-\$ or US-5870515-\$ or US-5667426-\$ or US-5615291-\$ or US-5600747-\$ or US-5559916-\$ or US-5503590-\$ or US-5464361-\$ or US-5459806-\$).did. or (US-5458528-\$ or US-5351327-\$ or US-5134676-\$ or US-5054879-\$ or US-5016970-\$ or US-4911518-\$ or US-4427879-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/03/22 16:17
S9	54	S8 and S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:14
S10	3	"3,846,010".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 19:18
S11	202	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:12

EAST Search History

S12	9797	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (coupl\$4 connect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:13
S13	40661	(ferrule\$1 sleeve\$1) same (fiber\$1 fibre\$1 waveguide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:13
S14	0	S10 and S11 and S12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:13
S15	58	S11 and S12 and S13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 12:42
S16	55	S15 not S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:16
S17	30	S16 and insert\$4 same (fiber\$1 fibre\$1 waveguide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:17
S18	30	(US-20050036742-\$ or US-20030026549-\$ or US-20040179787-\$ or US-20010036342-\$ or US-20050069264-\$ or US-20060239619-\$ or US-20010046354-\$ or US-20060204179-\$ or US-20040008494-\$ or US-20060067628-\$).did. or (US-4139260-\$ or US-4767177-\$ or US-5823859-\$ or US-6695486-\$ or US-5590229-\$ or US-5664039-\$ or US-6350062-\$ or US-7077576-\$ or US-5519799-\$ or US-6454462-\$ or US-7156561-\$ or US-7048447-\$ or US-4090778-\$ or US-6762941-\$ or US-5133032-\$ or US-6474877-\$ or US-6758605-\$ or US-4787700-\$).did. or (JP-07020362-\$).did. or (EP-448162-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2007/03/22 17:17
S19	30	S11 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 17:18

EAST Search History

S20	2	"6358874".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 19:18
S21	1	S20 and metal\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/03/22 19:19
S22	11	(US-20060013537-\$ or US-20050036742-\$ or US-20010036342-\$).did. or (US-6358874-\$ or US-4139260-\$ or US-4767177-\$ or US-5590229-\$ or US-4090778-\$ or US-5133032-\$ or US-4787700-\$).did. or (EP-448162-\$). did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/03/22 21:44
S23	210	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:30
S24	10294	((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (coupl\$4 connect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 12:42
S25	42360	(ferrule\$1 sleeve\$1) same (fiber\$1 fibre\$1 waveguide\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 12:42
S26	62	S23 and S24 and S25	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 12:43
S27	1	(US-6358874-\$).did.	USPAT	OR	OFF	2007/12/06 12:43
S28	1	S27 and (male female fit\$3 ferrule\$1 same sleeve\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:04
S29	1	S27 and ((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:32

EAST Search History

S30	11	(US-20060013537-\$ or US-20050036742-\$ or US-20010036342-\$).did. or (US-6358874-\$ or US-5590229-\$ or US-5133032-\$ or US-4767177-\$ or US-4139260-\$ or US-4090778-\$ or US-4787700-\$).did. or (EP-448162-\$). did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2007/12/07 16:35
S31	11	S30 and ((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 13:35
S32	11	S30 and ((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3)) and (male female ferrule\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 16:33
S33	1	10/517248	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:51
S34	1	S33 and (convex edge annular near4 step) same (concave) same (diameter reduced radial)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/06 14:54
S38	11	(US-20060013537-\$ or US-20050036742-\$ or US-20010036342-\$).did. or (US-6358874-\$ or US-5590229-\$ or US-5133032-\$ or US-4767177-\$ or US-4139260-\$ or US-4090778-\$ or US-4787700-\$).did. or (EP-448162-\$). did.	US-PGPUB; USPAT; EPO	OR	OFF	2007/12/07 16:36
S39	10	S38 and ((ferrules sleeves) (first second) adj2 (ferrule\$1 sleeve\$1)) near7 (male near5 female\$1 convex near4 concave (match\$4 complement\$4) near4 (spheric\$4 obliq\$3 conic\$3)) and (male female ferrule\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 16:36
S40	10	S39 and (ferrule\$1 sleeve\$1 connect\$4 metal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/12/07 16:36